



1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Name: MS-2010
FluoroExtreme[™]
Inert Light Grease

Product Use: Lubricant

MANUFACTURER/DISTRIBUTOR:

Miller-Stephenson Chemical
55 Backus Ave,
Danbury, Conn. 06810 USA
(203) 743-4447

Emergency Phone Number:
(800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not classified as dangerous for supply/use according to OSHA HCS (29 CFR 1910.1200)

Label elements:

Hazard Symbol: None
Signal word: None
Hazard Statements: None

Precautionary Statements: Do not breathe dust, mist or vapors.
Use personal protective equipment as required.
Get medical attention if you feel unwell.
Store in a dry place, in a closed container.
Dispose of content and container according to local and national regulations.

3. INGREDIENTS

<u>Material (s)</u>	<u>CAS No.</u>	<u>Approximate %</u>
Fluorinated grease	N/A	100 %

4. FIRST AID MEASURES

Inhalation: Remove patient to fresh air. Get medical attention if necessary.

Eye: Flush with water for at least 15 minutes, lifting eyelids until no evidence of the chemical remains. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if necessary.

Skin: Wash skin with soap and water after contact. Wash contaminated clothing before use. Get medical attention if necessary.

Oral: Consult physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point: Does not flash

Method: Pensky-Martens Close Cup

Decomposition Temperature: N/A

Suitable Extinguishing Media: Dry chemical, CO₂, foam or sand/earth.

Unusual Fire and Explosion Hazards: Dense smoke can form in fire. In a fire, decomposition of fluorinated compounds can generate Hydrogen fluoride, fluorophosgene, and carbonyl fluoride. Empty containers contain residue. Do not cut, drill, grind or weld as they may explode.

Special Fire Fighting Instruction: Self-contained breathing apparatus (SCBA) for enclosed areas, if necessary. Avoid smoke inhalation. Water or foam may cause frothing. Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel): Wear protective gloves/eye protection.

Environmental precautions: Prevent material from entering sewers, waterways, or low areas. Should not be released into the environment.

Spill Cleanup: Contain spillage, and then collect with inert material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal or recovery according to local / national regulations. Wash walking surfaces thoroughly with detergent and water to reduce slipping hazard.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin or eyes. Wash thoroughly after handling. When using do not eat, drink or smoke. Use with Adequate ventilation. Avoid breathing if this material is atomized in a mist.

Storage Conditions: Store at room temperature. Keep container closed and in a dry, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: None required, unless mists, smoke, or vapors are produced at high temperatures.

Respiratory Protection: Normally no personal respiratory protection is necessary, unless mists, smoke or vapors are produced at high temperatures.

Eye Protection: Avoid eye contact. Use safety glasses.

Skin Protection: Wear protective gloves - especially to avoid prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: > 200°C

Solubility in H₂O: Insoluble

Density: 1.98 g/cc at 77°F/25°C

pH Information: N.A.

Form: Grease

Appearance: Grease

Color: White

Odor: Odorless

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: Stable.

Material and Conditions to Avoid: Avoid contact with strong oxidants, such as liquid chlorine and concentrated oxygen.

Decomposition: Hazardous thermal decomposition products: Hydrogen fluoride, Oxides of carbon, fluorophosgene, carbonyl fluoride and other fumes.

Possibility of hazardous reactions: None anticipated.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD50 : > 5,000 mg/kg in rats

Inhalation: Thermal decomposition (above 300°C) can cause polymer fume fever with flu-like symptoms in humans.

Skin Irritation: No skin irritation in rabbits.

Sensitization: Not expected to be a sensitizer based on component data.

Carcinogenicity: None

Aspiration hazard: Not classified.

12. ECOLOGICAL INFORMATION

Fluorinated grease: Not expected to produce toxic effects.

13. DISPOSAL CONSIDERATIONS

According to RCRA (40 CFR 261), this material is not hazardous waste when as received lubricant it discarded. Dispose of in accordance with all local, state and provincial, and federal regulations.

14. TRANSPORT INFORMATION

U.S. DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA: All ingredients are listed in TSCA inventory.

EPA SARA Title III Chemical Listing: This product contains no extremely hazardous or hazardous substances.

CERCLA Hazardous Substances: None

16. OTHER INFORMATION

FOR INDUSTRIAL USE ONLY

REVISION DATE: SEPTEMBER 2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.